2026
Positron Emission Tomography Scanner Need Projection

Health Planning Area	2026 Projected Population [1]	Sum of Projected Cancer Cases [2]	Projected number of cancer patients that may benefit from scan [3]	Projected number of PET patients [4]	Projected number of PET units needed statewide per HPA [5]	Existing and Approved PET/CT Units [6]	Projected Unmet Need (Deficit) or Surplus [7]	Unmet Need (Type Unit Allowed) [7]	Aggregate Utilization [8]
HPA 01	798,361	3,695	1,848	2,587	0.94	3.56	2.6182	No Units Needed	35.3%
HPA 02	536,066	2,660	1,330	1,862	0.68	2.14	1.4654	No Units Needed	56.7%
HPA 03	6,075,749	28,513	14,257	19,959	7.26	18.71	11.4489	No Units Needed	57.6%
HPA 04	591,796	2,856	1,428	1,999	0.73	2.00	1.2730	No Units Needed	94.1%
HPA 05	576,710	2,799	1,400	1,960	0.71	2.57	1.8600	No Units Needed	66.4%
HPA 06	538,995	2,607	1,304	1,825	0.66	2.15	1.4816	No Units Needed	47.4%
HPA 07	509,347	2,344	1,172	1,641	0.60	1.27	0.6746	No Units Needed	79.4%
HPA 08	354,045	1,658	829	1,160	0.42	1.35	0.9314	No Units Needed	39.9%
HPA 09	148,356	621	310	435	0.16	0.27	0.1160	No Units Needed	54.0%
HPA 10	662,622	2,948	1,474	2,063	0.75	3.34	2.5866	No Units Needed	38.4%
HPA 11	341,370	1,635	818	1,145	0.42	2.07	1.6550	No Units Needed	30.0%
HPA 12	267,274	1,266	633	886	0.32	1.15	0.8231	No Units Needed	55.9%
HPA 13	386,707	1,778	889	1,245	0.45	1.04	0.5857	No Units Needed	65.6%
	11,787,398	55,381	27,691	38,767	14.10	41.62			53.6%

Notes and Sources:

[1] 2026 Resident Projected Population, Georgia Governor's Office of Planning and Budget, 4/1/2021 Release

[2] Projected cancer cases is determined by applying the most recent cancer incidence rates to the horizon year population. From "Age-Adjusted Cancer Incidence Rates per 100,000 (2015-2019)" reported by the Georgia Comprehensive Cancer Registry; Georgia Department of Public Health (http://dph.georgia.gov/cancer-reports); released 2021.

[3] Projected cancer cases who may benefit from PET scans is 50% of the projected number of cancer cases.

[4] The projected number of PET scan patients is determined using the actual ratio of Ocology to Non-Oncology PET scans from the most recent 2 years.

[5] The number of PET scan units projected by HPA is determined by using an optimal utilization standard of **2,750** scans per unit per year. Projected number of PET patients is devided by **2,750**.

[6] Total Existing PET/CT scanner units reported. Mobile units allocated by HPA as reported.

[7] Projected unmet need is from the sum of the existing and approved PET scanners less the projected number of PET scan units in the horizon year. Where the projected unmet need is greater than -75.0% a fixed unit is allowed. If projected unmet need is greater than -3.2875% but less than -75.0% a mobile site is allowed.

[8] Aggregate utilization based on survey data for all units that were operational during 2020. Calculated by dividing the actual total number of scans by the capacity number of scans as if the available units were operating at optimal utilization. Aggregate utilization must be at or above 80% before new units will be approved.